


		NTSB ID: DEN02LA093		Aircraft Registration Number: N111KC	
		Occurrence Date: 08/09/2002		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Grand Junction		State CO	Zip Code 81506	Local Time 1345	Time Zone MDT
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Cessna		Model/Series 310N		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On August 9, 2002, at approximately 1345 mountain daylight time, a Cessna 310N, N111KC, was substantially damaged during a hard landing at Glenwood Springs Municipal Airport (GWS), Glenwood Springs, Colorado. At 1456, the airplane was further damaged during an intentional gear-up landing at Walker Field (GJT), Grand Junction, Colorado. The airline transport pilot, and the pilot receiving instruction, were not injured. Visual meteorological conditions prevailed. No flight plan had been filed for this instructional cross-country flight being conducted under Title 14 CFR Part 91. The flight originated at Pueblo Memorial Airport, Pueblo, Colorado, at approximately 1245.</p> <p>According to the instructor, the pilot receiving instruction made a hard landing at Glenwood Springs. The instructor took the controls and initiated a go-around. Suspecting landing gear damage, he kept the landing gear extended and diverted to Garfield County Regional Airport (RIL), in Rifle, Colorado. On the approach to Garfield County Regional, the right main landing gear fell off the aircraft. Because of the limited emergency equipment at Garfield County Regional, he was advised to divert to Walker Field, in Grand Junction, Colorado. While keeping the landing gear extended, they made a low pass over the runway at Walker Field, and witnesses confirmed the missing right main landing gear. The instructor retracted the landing gear and made an intentional gear-up landing. The airplane sustained extensive damage to the lower fuselage skin and bulkheads and substantial damage to the right main landing gear attachment point.</p>					
FACTUAL REPORT - AVIATION					

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		Occurrence Date: 08/09/2002			
		Occurrence Type: Accident			
<b>Landing Facility/Approach Information</b>					
Airport Name Grand Junction	Airport ID: GJT	Airport Elevation 4858 Ft. MSL	Runway Used 29	Runway Length 10500	Runway Width 150
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: Unknown					
VFR Approach/Landing: Full Stop; Straight-in					
<b>Aircraft Information</b>					
Aircraft Manufacturer Cessna		Model/Series 310N		Serial Number 310N-0005	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 6	Certified Max Gross Wt. 5200 LBS		Number of Engines: 2	
Engine Type: Reciprocating	Engine Manufacturer: Lycoming		Model/Series: TIO-540-A2B		Rated Power: 310 HP
<b>- Aircraft Inspection Information</b>					
Type of Last Inspection Annual	Date of Last Inspection 09/2001	Time Since Last Inspection 125 Hours		Airframe Total Time 3570 Hours	
<b>- Emergency Locator Transmitter (ELT) Information</b>					
ELT Installed? Yes	ELT Operated? No		ELT Aided in Locating Accident Site? No		
<b>Owner/Operator Information</b>					
Registered Aircraft Owner  Russell Andrews		Street Address 710 E Durant Ave			
		City Aspen	State CO	Zip Code 81611	
Operator of Aircraft  Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
<b>- Type of U.S. Certificate(s) Held: None</b>					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					
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<b>First Pilot Information</b>																																																																																		
Name		City		State	Date of Birth	Age																																																																												
On File		On File		On File	On File	55																																																																												
Sex: M	Seat Occupied: Right	Principal Profession: Civilian Pilot		Certificate Number: On File																																																																														
Certificate(s): Airline Transport; Flight Instructor; Commercial																																																																																		
Airplane Rating(s): Multi-engine Land; Single-engine Land																																																																																		
Rotorcraft/Glider/LTA:																																																																																		
Instrument Rating(s): Airplane																																																																																		
Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine; Instrument Airplane																																																																																		
Type Rating/Endorsement for Accident/Incident Aircraft? No				Current Biennial Flight Review? 05/2002																																																																														
Medical Cert.: Class 1		Medical Cert. Status: Valid Medical--w/ waivers/lim.		Date of Last Medical Exam: 08/2001																																																																														
<table border="1"> <tr> <th>- Flight Time Matrix</th> <th>All A/C</th> <th>This Make and Model</th> <th>Airplane Single Engine</th> <th>Airplane Multi-Engine</th> <th>Night</th> <th colspan="2">Instrument Actual      Simulated</th> <th>Rotorcraft</th> <th>Glider</th> <th>Lighter Than Air</th> </tr> <tr> <td>Total Time</td> <td>6488</td> <td>336</td> <td>3898</td> <td>2590</td> <td>238</td> <td>320</td> <td>143</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>6070</td> <td>330</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td>1603</td> <td>75</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>116</td> <td>25</td> <td>91</td> <td>25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>59</td> <td>9</td> <td>50</td> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>6</td> <td>4</td> <td>2</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual      Simulated		Rotorcraft	Glider	Lighter Than Air	Total Time	6488	336	3898	2590	238	320	143				Pilot In Command(PIC)	6070	330									Instructor	1603	75									Last 90 Days	116	25	91	25							Last 30 Days	59	9	50	9							Last 24 Hours	6	4	2	4						
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No		Second Pilot? Yes																																																																												
<b>Flight Plan/Itinerary</b>																																																																																		
Type of Flight Plan Filed: None																																																																																		
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																													
Pueblo		CO	PUB	1245	MDT																																																																													
Destination		State	Airport Identifier																																																																															
Glenwood Spring		CO	GWS																																																																															
Type of Clearance: VFR																																																																																		
Type of Airspace: Class D																																																																																		
<b>Weather Information</b>																																																																																		
Source of Briefing: Unknown																																																																																		
Method of Briefing: Unknown																																																																																		
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			Occurrence Date: 08/09/2002		
			Occurrence Type: Accident		

<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
GJT	1456	MDT	4858 Ft. MSL	NM	Deg. Mag.
Sky/Lowest Cloud Condition: Clear				Ft. AGL	Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 10 SM	Altimeter: 30.18 "Hg
Temperature: 33 °C	Dew Point: 7 °C		Wind Direction: 310		Density Altitude: 7895 Ft.
Wind Speed: 11		Gusts:	Weather Conditions at Accident Site: Visual Conditions		
Visibility (RVR): Ft.		Visibility (RVV) SM	Intensity of Precipitation:		
Restrictions to Visibility: None					
Type of Precipitation: None					

<b>Accident Information</b>					
Aircraft Damage: Substantial		Aircraft Fire: None		Aircraft Explosion: None	
Classification: U.S. Registered/U.S. Soil					

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot				1	1	
Second Pilot						
Student Pilot				1	1	
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew						
Passengers						
- TOTAL ABOARD -				2	2	
Other Ground						
- GRAND TOTAL -				2	2	

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Administrative Information		
Investigator-In-Charge (IIC) James F. Struhsaker		
Additional Persons Participating in This Accident/Incident Investigation:  Dennis Seals Salt Lake City FSDO 116 N. 2400 W. Salt Lake City, UT 84116		
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